

Amendments to the Claims:

1-3 (canceled)

4 (currently amended): An isolated or recombinant nucleic acid encoding ~~the a~~ polypeptide of claim 1 comprising the amino acid sequence of SEQ ID NO: 2.

5 (original): A recombinant vector comprising the nucleic acid of claim 4.

6 (original): A host cell comprising the recombinant vector of claim 5.

7 (currently amended): A method for making a polypeptide comprising the amino acid sequence of SEQ ID NO: 2, comprising culturing a the host cell of claim 6 under conditions in which the nucleic acid is expressed.

8 (currently amended): The method of claim 7, further comprising isolating in which the polypeptide is isolated from the culture.

9-20 (canceled)

21 (new): The recombinant vector of claim 5, wherein the vector is selected from the group consisting of a plasmid, a virus, and a bacteriophage.

22 (new): The recombinant vector of claim 5, wherein the vector is a expression vector.

23 (new): The recombinant vector of claim 22, wherein the nucleic acid is operatively linked to a promoter sequence.

24 (new): The host cell of claim 6, wherein the host cell is a prokaryotic cell.

25 (new): The prokaryotic cell of claim 24, wherein the prokaryotic cell is a bacterial cell.

26 (new): The bacterial cell of claim 25, wherein the bacterial cell is from a bacterial strain selected from the group consisting of *E. coli*, *Pseudomonas*, and *Bacillus*.

27 (new): The host cell of claim 6, wherein the host cell is a eukaryotic cell.

28 (new): The eukaryotic cell of claim 27, wherein the eukaryotic cell is a mammalian cell.

29 (new): The mammalian cell of claim 28, wherein the mammalian cell is selected from the group consisting of a HeLa cell, a Chinese hamster ovary (CHO) cell, a baby rat kidney (BRK) cell, a 293 cell, an insect cell, a bird cell, and a monkey (COS) cell.

30 (new): The nucleic acid of claim 4, comprising the nucleotide sequence of SEQ ID NO: 1.

31 (new): A recombinant vector comprising the nucleic acid of claim 30.

32 (new): The recombinant vector of claim 31, wherein the vector is selected from the group consisting of a plasmid, a virus, and a bacteriophage.

33 (new): A host cell comprising the recombinant vector of claim 31.

34 (new): The recombinant vector of claim 31, wherein the vector is a expression vector.

35 (new): The recombinant vector of claim 34, wherein the nucleic acid is operatively linked to a promoter sequence.

36 (new): The host cell of claim 33, wherein the host cell is a prokaryotic cell.

37 (new): The prokaryotic cell of claim 36, wherein the prokaryotic cell is a bacterial cell.

38 (new): The bacterial cell of claim 37, wherein the bacterial cell is from a bacterial strain selected from the group consisting of *E. coli*, *Pseudomonas*, and *Bacillus*.

39 (new): The host cell of claim 33, wherein the host cell is a eukaryotic cell.

40 (new): The eukaryotic cell of claim 39, wherein the eukaryotic cell is a mammalian cell.

41 (new): The mammalian cell of claim 40, wherein the mammalian cell is selected from the group consisting of a HeLa cell, a Chinese hamster ovary (CHO) cell, a baby rat kidney (BRK) cell, a 293 cell, an insect cell, a bird cell, and a monkey (COS) cell.

42 (new): A method for making a polypeptide comprising the amino acid sequence of SEQ ID NO: 2, comprising culturing the host cell of claim 33 under conditions in which the nucleic acid is expressed.

43 (new): The method of claim 42, further comprising isolating the polypeptide.